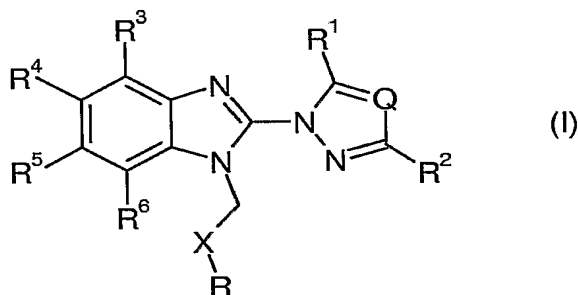


Claims

1. A compound of formula (I)



5

wherein

R represents aryl or heteroaryl optionally substituted by up to four substituents independently selected from

- 10 alkyl, cycloalkyl, cycloalkyl-lower alkyl, halo-lower alkyl, hydroxy-lower alkyl, lower alkoxy-lower alkyl, lower alkoxy-lower alkoxy-lower alkyl, halo-lower alkoxy-lower alkyl, acyloxy-lower alkyl, heterocyclyl, heterocyclyl-lower alkyl, optionally substituted phenyl, optionally substituted phenyl-lower alkyl, optionally substituted heteroaryl, optionally substituted heteroaryl-lower alkyl, optionally substituted alkenyl, optionally substituted alkynyl,
- 15 hydroxy, lower alkoxy, optionally substituted alkenyloxy, optionally substituted alkynyloxy, cycloalkoxy, halo-lower alkoxy, cycloalkyl-lower alkoxy, hydroxy-lower alkoxy, lower alkoxy-lower alkoxy, heterocyclyloxy, heterocyclyl-lower alkoxy, optionally substituted phenyloxy, optionally substituted phenyl-lower alkoxy, optionally substituted heteroaryloxy, optionally substituted heteroaryl-lower alkoxy, sulfamoyloxy, carbamoyloxy, lower
- 20 alkylcarbonyloxy,
- amino, monoalkylamino, dialkylamino, aminocarbonylamino wherein each of the two amino groups is optionally substituted by alkyl, alkenyl, alkynyl or alkoxy-lower alkyl, heterocyclylcarbonylamino wherein heterocyclyl is bound *via* a nitrogen atom, aminosulfonylamino wherein each of the two amino groups is optionally substituted by
- 25 alkyl, alkenyl, alkynyl or alkoxy-lower alkyl, heterocyclylsulfonylamino wherein heterocyclyl is bound *via* a nitrogen atom, lower alkoxy carbonylamino, lower alkylcarbonylamino wherein alkyl is optionally substituted by one or two substituents selected from optionally substituted phenyl, guanidyl, halogen, cyano, alkoxy, optionally substituted phenoxy, alkylmercapto and optionally substituted amino; lower alkenylcarbonylamino wherein
- 30 alkenyl is optionally substituted by one or two substituents selected from lower alkyl, halo-

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lower alkyl, optionally substituted phenyl, halogen, cyano, alkoxy and optionally substituted amino; amino-lower alkyl or amino-lower alkylamino, wherein the nitrogen atom is unsubstituted or substituted by one or two substituents selected from lower alkyl, cycloalkyl, cycloalkyl-lower alkyl, hydroxy-lower alkyl, lower alkoxy-lower alkyl, optionally substituted phenyl, optionally substituted phenyl-lower alkyl, optionally substituted heteroaryl, optionally substituted heteroaryl-lower alkyl and lower alkylcarbonyl, or wherein the two substituents on nitrogen form together with the nitrogen heterocyclyl, lower alkylcarbonyl, cycloalkylcarbonyl, optionally substituted phenylcarbonyl, optionally substituted heteroarylcarbonyl, heterocyclylcarbonyl,

5 substituted phenyl, optionally substituted phenyl-lower alkyl, optionally substituted heteroaryl, optionally substituted heteroaryl-lower alkyl and lower alkylcarbonyl, or

10 carboxy, lower alkoxycarbonyl, hydroxy-lower alkoxycarbonyl, lower alkoxy-lower alkoxycarbonyl, optionally substituted phenyl-lower alkoxycarbonyl, cyano, lower alkylmercapto, optionally substituted phenylmercapto, lower alkylsulfinyl, halo-lower alkylsulfinyl, optionally substituted phenylsulfinyl, lower alkylsulfonyl, halo-lower alkylsulfonyl, optionally substituted phenylsulfonyl, aralkylsulfonyl, halogen, and nitro;

15 and wherein two adjacent substituents together with the atoms of aryl or heteroaryl may form a 5 or 6 membered carbocyclic or heterocyclic ring;

X represents a bond; oxygen; a group C=Y, wherein Y stands for oxygen, nitrogen substituted by hydroxy, alkoxy or optionally substituted amino; a group $-\text{CH}=\text{CH}-(\text{C}=\text{O})_n-$ or $-(\text{C}=\text{O})_n-\text{CH}=\text{CH}-$ wherein n is 0 or 1; or a group CR^7R^8 ;

20

Q represents N or CR^9 ;

R¹ represents a group $\text{NR}^{10}\text{R}^{11}$ or OR^{12} ;

25

R² represents hydrogen, lower alkyl or amino;

R³, R⁴, R⁵ and R⁶, independently of each other, represent hydrogen, lower alkyl, halo-lower alkyl, cyano-lower alkyl, carboxy-lower alkyl, cycloalkyl, cycloalkyl-lower alkyl, hydroxy-lower alkyl, lower alkoxy-lower alkyl, lower alkoxy-lower alkoxy-lower alkyl, halo-lower alkoxy-lower alkyl, heterocyclyl, heterocyclyl-lower alkyl, optionally substituted phenyl, optionally substituted phenyl-lower alkyl, optionally substituted heteroaryl, optionally substituted heteroaryl-lower alkyl, optionally substituted alkenyl, optionally substituted alkynyl,

30

35 hydroxy, lower alkoxy, halo-lower alkoxy, cycloalkoxy, cycloalkyl-lower alkoxy, hydroxy-lower alkoxy, lower alkoxy-lower alkoxy, heterocyclyloxy, heterocyclyl-lower alkoxy,

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optionally substituted phenyloxy, optionally substituted phenyl-lower alkoxy, optionally substituted heteroaryloxy, optionally substituted heteroaryl-lower alkoxy, amino, carbamoyl, sulfamoyl, amino-lower alkyl or amino-lower alkylamino, wherein in each case the nitrogen atom is unsubstituted or substituted by one or two substituents selected from lower alkyl, cycloalkyl, cycloalkyl-lower alkyl, hydroxy-lower alkyl, lower alkoxy-lower alkyl, optionally substituted phenyl, optionally substituted phenyl-lower alkyl, optionally substituted heteroaryl, optionally substituted heteroaryl-lower alkyl and lower alkylcarbonyl, or wherein the two substituents on nitrogen form together with the nitrogen heterocyclyl,

lower alkylcarbonyl, cycloalkylcarbonyl, optionally substituted phenylcarbonyl, optionally substituted heteroarylcarbonyl, heterocyclylcarbonyl, carboxy, lower alkoxy carbonyl, hydroxy-lower alkoxy carbonyl, lower alkoxy-lower alkoxy carbonyl, optionally substituted phenyl-lower alkoxy carbonyl, cyano, lower alkylmercapto, optionally substituted phenylmercapto, lower alkylsulfinyl, halo-lower alkylsulfinyl, optionally substituted phenylsulfinyl, lower alkylsulfonyl, halo-lower alkylsulfonyl, optionally substituted phenylsulfonyl, aralkylsulfonyl, halogen, or nitro,

or R³ and R⁴, R⁴ and R⁵, or R⁵ and R⁶ together with the atoms of the phenyl ring form a 5 or 6 membered carbocyclic or heterocyclic ring;

R⁷ represents hydrogen, lower alkyl, cycloalkyl, cycloalkyl-lower alkyl, lower alkenyl, lower alkynyl, optionally substituted phenyl, lower alkoxy, lower alkenyloxy, lower alkynyloxy; R⁸ represents hydrogen, lower alkyl, hydroxy, lower alkoxy or lower alkenyloxy, or R⁷ and R⁸ together with the carbon they are bound to form a 5 or 6 membered carbocyclic or heterocyclic ring;

R⁹ represents hydrogen, lower alkyl or amino;

R¹⁰ and R¹¹, independently of each other, represent hydrogen, alkyl, cycloalkyl, cycloalkyl-alkyl, optionally substituted arylalkyl, optionally substituted heteroarylalkyl, hydroxyalkyl, alkoxyalkyl, hydroxyalkoxyalkyl, alkoxyalkoxyalkyl, cyanoalkyl, carboxyalkyl, optionally substituted alkenyl, optionally substituted alkynyl, or lower alkylcarbonyl wherein lower alkyl is optionally substituted by one or two substituents selected from aryl, optionally substituted amino, alkoxy and aryloxy;

or R¹⁰ and R¹¹ together with the atom they are bound to form heterocyclyl;

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R¹² is hydrogen, lower alkyl, acyl or aminocarbonyl wherein amino is unsubstituted or substituted by lower alkyl;

tautomers and salts thereof.

5

2. The compound of formula (I) according to claim 1 wherein

R represents aryl or heteroaryl optionally substituted by up to four substituents independently selected from

- 10 alkyl, cycloalkyl, cycloalkyl-lower alkyl, halo-lower alkyl, hydroxy-lower alkyl, lower alkoxy-lower alkyl, lower alkoxy-lower alkoxy-lower alkyl, halo-lower alkoxy-lower alkyl, acyloxy-lower alkyl, heterocyclyl, heterocyclyl-lower alkyl, optionally substituted phenyl, optionally substituted phenyl-lower alkyl, optionally substituted heteroaryl, optionally substituted heteroaryl-lower alkyl, optionally substituted alkenyl, optionally substituted alkynyl,
- 15 hydroxy, lower alkoxy, optionally substituted alkenyloxy, optionally substituted alkynyloxy, cycloalkoxy, halo-lower alkoxy, cycloalkyl-lower alkoxy, hydroxy-lower alkoxy, lower alkoxy-lower alkoxy, heterocyclyloxy, heterocyclyl-lower alkoxy, optionally substituted phenyloxy, optionally substituted phenyl-lower alkoxy, optionally substituted heteroaryloxy, optionally substituted heteroaryl-lower alkoxy, sulfamoyloxy, carbamoyloxy, lower
- 20 alkylcarbonyloxy,
- amino, monoalkylamino, dialkylamino, aminocarbonylamino, wherein each of the two amino groups is optionally substituted by alkyl, alkenyl, alkynyl or alkoxy-lower alkyl, heterocyclylcarbonylamino wherein heterocyclyl is bound via a nitrogen atom, aminosulfonylamino wherein each of the two amino groups is optionally substituted by
- 25 alkyl, alkenyl, alkynyl or alkoxy-lower alkyl, heterocyclylsulfonylamino wherein heterocyclyl is bound via a nitrogen atom, lower alkoxycarbonylamino, lower alkylcarbonylamino wherein alkyl is optionally substituted by one or two substituents selected from optionally substituted phenyl, guanidyl, halogen, cyano, alkoxy, optionally substituted phenoxy, alkylmercapto and optionally substituted amino; lower alkenylcarbonylamino wherein
- 30 alkenyl is optionally substituted by one or two substituents selected from lower alkyl, halo-lower alkyl, optionally substituted phenyl, halogen, cyano, alkoxy and optionally substituted amino; amino-lower alkyl or amino-lower alkylamino, wherein the nitrogen atom is unsubstituted or substituted by one or two substituents selected from lower alkyl, cycloalkyl, cycloalkyl-lower alkyl, hydroxy-lower alkyl, lower alkoxy-lower alkyl, optionally
- 35 substituted phenyl, optionally substituted phenyl-lower alkyl, optionally substituted heteroaryl, optionally substituted heteroaryl-lower alkyl and lower alkylcarbonyl, or

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wherein the two substituents on nitrogen form together with the nitrogen heterocyclyl, lower alkylcarbonyl, cycloalkylcarbonyl, optionally substituted phenylcarbonyl, optionally substituted heteroarylcarbonyl, heterocyclylcarbonyl, carboxy, lower alkoxy carbonyl, hydroxy-lower alkoxy carbonyl, lower alkoxy-lower alkoxy carbonyl, optionally substituted phenyl-lower alkoxy carbonyl, cyano, lower alkylmercapto, optionally substituted phenylmercapto, lower alkylsulfinyl, halo-lower alkylsulfinyl, optionally substituted phenylsulfinyl, lower alkylsulfonyl, halo-lower alkylsulfonyl, optionally substituted phenylsulfonyl, aralkylsulfonyl, halogen, and nitro; and wherein two adjacent substituents together with the atoms of aryl or heteroaryl may form a 5 or 6 membered carbocyclic or heterocyclic ring;

X represents a bond; oxygen; a group C=Y, wherein Y stands for oxygen, nitrogen substituted by hydroxy, alkoxy or optionally substituted amino; a group $-\text{CH}=\text{CH}-(\text{C}=\text{O})_n-$ or $-(\text{C}=\text{O})_n-\text{CH}=\text{CH}-$ wherein n is 0 or 1; or a group CR^7R^8 ;

Q represents N or CR^9 ;

R^1 represents a group $\text{NR}^{10}\text{R}^{11}$ or OR^{12} ;

R^2 represents hydrogen, lower alkyl or amino;

R^3 , R^4 , R^5 and R^6 , independently of each other, represent hydrogen, lower alkyl, halo-lower alkyl, cyano-lower alkyl, carboxy-lower alkyl, cycloalkyl, cycloalkyl-lower alkyl, hydroxy-lower alkyl, lower alkoxy-lower alkyl, lower alkoxy-lower alkoxy-lower alkyl, halo-lower alkoxy-lower alkyl, heterocyclyl, heterocyclyl-lower alkyl, optionally substituted phenyl, optionally substituted phenyl-lower alkyl, optionally substituted heteroaryl, optionally substituted heteroaryl-lower alkyl, optionally substituted alkenyl, optionally substituted alkynyl, hydroxy, lower alkoxy, halo-lower alkoxy, cycloalkoxy, cycloalkyl-lower alkoxy, hydroxy-lower alkoxy, lower alkoxy-lower alkoxy, heterocycliloxy, heterocyclyl-lower alkoxy, optionally substituted phenyloxy, optionally substituted phenyl-lower alkoxy, optionally substituted heteroaryloxy, optionally substituted heteroaryl-lower alkoxy, amino, carbamoyl, sulfamoyl, amino-lower alkyl or amino-lower alkylamino, wherein in each case the nitrogen atom is unsubstituted or substituted by one or two substituents selected from lower alkyl, cycloalkyl, cycloalkyl-lower alkyl, hydroxy-lower alkyl, lower alkoxy-lower alkyl, optionally substituted phenyl, optionally substituted phenyl-lower alkyl,

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optionally substituted heteroaryl, optionally substituted heteroaryl-lower alkyl and lower alkylcarbonyl, or wherein the two substituents on nitrogen form together with the nitrogen heterocyclyl,

lower alkylcarbonyl, cycloalkylcarbonyl, optionally substituted phenylcarbonyl, optionally substituted heteroarylcarbonyl, heterocyclylcarbonyl,
5 carboxy, lower alkoxy carbonyl, hydroxy-lower alkoxy carbonyl, lower alkoxy-lower alkoxy carbonyl, optionally substituted phenyl-lower alkoxy carbonyl, cyano, lower alkylmercapto, optionally substituted phenylmercapto, lower alkylsulfinyl, halo-lower alkylsulfinyl, optionally substituted phenylsulfinyl, lower alkylsulfonyl, halo-lower
10 alkylsulfonyl, optionally substituted phenylsulfonyl, aralkylsulfonyl, halogen, or nitro,

or R³ and R⁴, R⁴ and R⁵, or R⁵ and R⁶ together with the atoms of the phenyl ring form a 5 or 6 membered carbocyclic or heterocyclic ring;
and pharmaceutically acceptable salts thereof; for use as medicaments.

15 R⁷ represents hydrogen, lower alkyl, cycloalkyl, cycloalkyl-lower alkyl, lower alkenyl, lower alkynyl, optionally substituted phenyl, lower alkoxy, lower alkenyloxy, lower alkynyloxy;
R⁸ represents hydrogen, lower alkyl, hydroxy, lower alkoxy or lower alkenyloxy, or R⁷ and R⁸ together with the carbon they are bound to form a 5 or 6 membered carbocyclic
20 or heterocyclic ring;

R⁹ represents hydrogen, lower alkyl or amino;

R¹⁰ and R¹¹, independently of each other, represent hydrogen, alkyl, cycloalkyl, cycloalkyl-
25 alkyl, optionally substituted arylalkyl, optionally substituted heteroarylalkyl, hydroxyalkyl, alkoxyalkyl, hydroxyalkoxyalkyl, alkoxyalkoxyalkyl, cyanoalkyl, carboxyalkyl, optionally substituted alkenyl, optionally substituted alkynyl, or lower alkylcarbonyl wherein lower alkyl is optionally substituted by one or two substituents selected from aryl, optionally substituted amino, alkoxy and aryloxy;
30 or R¹⁰ and R¹¹ together with the atom they are bound to form heterocyclyl;

R¹² is hydrogen or lower alkyl;

tautomers and salts thereof.

35

3. The compound of formula (I) according to claim 1 wherein

R represents phenyl, naphthyl, thienyl, furyl, thiazolyl, oxadiazolyl, thiadiazolyl, imidazolyl, pyrazolyl, pyridinyl, pyrimidinyl, benzothienyl, benzofuryl, indolyl, benzisoxazolyl, each
5 optionally substituted by up to four substituents independently selected from alkyl, cycloalkyl, cycloalkyl-lower alkyl, halo-lower alkyl, hydroxy-lower alkyl, lower alkoxy-lower alkyl, lower alkoxy-lower alkoxy-lower alkyl, halo-lower alkoxy-lower alkyl, acyloxy-lower alkyl, heterocyclyl, heterocyclyl-lower alkyl, optionally substituted phenyl, optionally substituted phenyl-lower alkyl, optionally substituted heteroaryl, optionally substituted
10 heteroaryl-lower alkyl, optionally substituted alkenyl, optionally substituted alkynyl, hydroxy, lower alkoxy, optionally substituted alkenyloxy, optionally substituted alkynyloxy, cycloalkoxy, halo-lower alkoxy, cycloalkyl-lower alkoxy, hydroxy-lower alkoxy, lower alkoxy-lower alkoxy, heterocyclyloxy, heterocyclyl-lower alkoxy, optionally substituted phenyloxy, optionally substituted phenyl-lower alkoxy, optionally substituted heteroaryloxy,
15 optionally substituted heteroaryl-lower alkoxy, sulfamoyloxy, carbamoyloxy, lower alkylcarbonyloxy, amino, monoalkylamino, dialkylamino, aminocarbonylamino wherein each of the two amino groups is optionally substituted by alkyl, alkenyl, alkynyl or alkoxy-lower alkyl, heterocyclylcarbonylamino wherein heterocyclyl is bound via a nitrogen atom,
20 aminosulfonylamino wherein each of the two amino groups is optionally substituted by alkyl, alkenyl, alkynyl or alkoxy-lower alkyl, heterocyclylsulfonylamino wherein heterocyclyl is bound via a nitrogen atom, lower alkoxycarbonylamino, lower alkylcarbonylamino wherein alkyl is optionally substituted by one or two substituents selected from optionally substituted phenyl, guanidyl, halogen, cyano, alkoxy, optionally substituted phenoxy,
25 alkylmercapto and optionally substituted amino; lower alkenylcarbonylamino wherein alkenyl is optionally substituted by one or two substituents selected from lower alkyl, halo-lower alkyl, optionally substituted phenyl, halogen, cyano, alkoxy and optionally substituted amino; amino-lower alkyl or amino-lower alkylamino, wherein the nitrogen atom is unsubstituted or substituted by one or two substituents selected from lower alkyl,
30 cycloalkyl, cycloalkyl-lower alkyl, hydroxy-lower alkyl, lower alkoxy-lower alkyl, optionally substituted phenyl, optionally substituted phenyl-lower alkyl, optionally substituted heteroaryl, optionally substituted heteroaryl-lower alkyl and lower alkylcarbonyl, or wherein the two substituents on nitrogen form together with the nitrogen heterocyclyl, lower alkylcarbonyl, cycloalkylcarbonyl, optionally substituted phenylcarbonyl, optionally substituted heteroarylcarbonyl, heterocyclylcarbonyl,
35 lower alkylsulfinyl, halo-lower alkylsulfinyl, lower alkylsulfonyl, halo-lower alkylsulfonyl,

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halogen, and nitro;

and wherein two adjacent substituents together with the atoms of aryl or heteroaryl may form a 5 or 6 membered carbocyclic or heterocyclic ring;

- 5 X represents oxygen; a group C=Y, wherein Y stands for oxygen, nitrogen substituted by hydroxy, alkoxy or optionally substituted amino; or a group $-\text{CH}=\text{CH}-(\text{C}=\text{O})_n-$ or $-(\text{C}=\text{O})_n-\text{CH}=\text{CH}-$ wherein n is 0 or 1;

Q represents N or CR^9 ;

10

R^1 represents a group $\text{NR}^{10}\text{R}^{11}$ or OR^{12} ;

R^2 represents hydrogen, lower alkyl or amino;

- 15 R^3 , R^4 , R^5 and R^6 , independently of each other, represent hydrogen, lower alkyl, halo-lower alkyl, cyano-lower alkyl, carboxy-lower alkyl, hydroxy, lower alkoxy, halo-lower alkoxy, cycloalkoxy, cycloalkyl-lower alkoxy, hydroxy-lower alkoxy, lower alkoxy-lower alkoxy, heterocyclyloxy, heterocyclyl-lower alkoxy, optionally substituted phenyloxy, optionally substituted phenyl-lower alkoxy, optionally substituted heteroaryloxy, optionally
- 20 substituted heteroaryl-lower alkoxy, amino, carbamoyl, sulfamoyl, amino-lower alkyl or amino-lower alkylamino, wherein in each case the nitrogen atom is unsubstituted or substituted by one or two substituents selected from lower alkyl, cycloalkyl, cycloalkyl-lower alkyl, hydroxy-lower alkyl, lower alkoxy-lower alkyl, optionally substituted phenyl, optionally substituted phenyl-lower alkyl,
- 25 optionally substituted heteroaryl, optionally substituted heteroaryl-lower alkyl and lower alkylcarbonyl, or wherein the two substituents on nitrogen form together with the nitrogen heterocyclyl, lower alkylcarbonyl, cycloalkylcarbonyl, optionally substituted phenylcarbonyl, optionally substituted heteroarylcarbonyl, heterocyclylcarbonyl,
- 30 carboxy, lower alkoxy carbonyl, hydroxy-lower alkoxy carbonyl, lower alkoxy-lower alkoxy carbonyl, optionally substituted phenyl-lower alkoxy carbonyl, cyano, lower alkylsulfinyl, halo-lower alkylsulfinyl, lower alkylsulfonyl, halo-lower alkylsulfonyl, halogen, or nitro;
- or R^3 and R^4 , R^4 and R^5 , or R^5 and R^6 together represent methylenedioxy;

35

R^9 represents hydrogen;

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R¹⁰ and R¹¹, independently of each other, represent hydrogen, alkyl, cycloalkyl, cycloalkyl-alkyl, optionally substituted arylalkyl, optionally substituted heteroarylalkyl, hydroxyalkyl, alkoxyalkyl, hydroxyalkoxyalkyl, alkoxyalkoxyalkyl, cyanoalkyl, carboxyalkyl, optionally substituted alkenyl, optionally substituted alkynyl, or lower alkylcarbonyl wherein lower alkyl is optionally substituted by one or two substituents selected from aryl, optionally substituted amino, alkoxy and aryloxy;
5 or R¹⁰ and R¹¹ together with the atom they are bound to form heterocyclyl;

10 R¹² is hydrogen;

tautomers and pharmaceutically acceptable salts thereof.

4. The compound of formula (I) according to claim 1 wherein

15

R represents phenyl, naphthyl, thienyl, furyl, thiazolyl, oxadiazolyl, thiadiazolyl, imidazolyl, pyrazolyl, pyridinyl, pyrimidinyl, benzothienyl, benzofuryl, indolyl, benzisoxazolyl, optionally substituted by up to four substituents independently selected from alkyl, halo-lower alkyl, phenyl, optionally substituted heteroaryl, lower alkoxy, optionally substituted alkenyloxy, optionally substituted alkynyloxy, lower alkoxy-lower alkoxy, amino, monoalkylamino, dialkylamino, aminocarbonylamino wherein each of the two amino groups is optionally substituted by alkyl, alkenyl, alkynyl or alkoxy-lower alkyl, heterocyclylcarbonylamino wherein heterocyclyl is bound via a nitrogen atom, aminosulfonylamino wherein each of the two amino groups is optionally substituted by
20 alkyl, alkenyl, alkynyl or alkoxy-lower alkyl, heterocyclylsulfonylamino wherein heterocyclyl is bound via a nitrogen atom, lower alkoxy carbonylamino, lower alkylcarbonylamino wherein alkyl is optionally substituted by alkoxy or optionally substituted amino; lower alkenylcarbonylamino wherein alkenyl is optionally substituted by alkoxy or optionally substituted amino; lower alkylsulfinyl, halo-lower alkylsulfinyl, lower alkylsulfonyl, halo-lower alkylsulfonyl and halogen;
25 and wherein two adjacent substituents together with the atoms of aryl or heteroaryl may form a 5 or 6 membered carbocyclic or heterocyclic ring;

X represents oxygen or a group C=Y, wherein Y stands for oxygen;

35

Q represents N or CR⁹;

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R¹ represents a group NR¹⁰R¹¹ or OR¹²;

R² represents hydrogen, lower alkyl or amino;

5

R³, R⁴, R⁵ and R⁶, independently of each other, represent hydrogen, lower alkyl, halo-lower alkyl, cyano-lower alkyl, carboxy-lower alkyl, hydroxy, lower alkoxy, carboxy, lower alkoxycarbonyl, cyano or halogen;

10 R⁹ represents hydrogen;

R¹⁰ and R¹¹, independently of each other, represent hydrogen, cyano-lower alkyl, carboxy-lower alkyl or lower alkylcarbonyl;

15 R¹² is hydrogen;

tautomers and pharmaceutically acceptable salts thereof.

5. The compound of formula (I) according to claim 1 wherein

20

R represents phenyl, pyridinyl or pyrimidinyl, each optionally substituted by up to four substituents independently selected from alkyl, optionally substituted heteroaryl, lower alkoxy, optionally substituted alkenyloxy, lower alkoxy-lower alkoxy, amino, monoalkylamino, dialkylamino, aminocarbonylamino wherein each of the two amino groups is optionally substituted by alkyl, alkenyl, alkynyl or alkoxy-lower alkyl, heterocyclylcarbonylamino wherein heterocyclyl is bound *via* a nitrogen atom; lower alkylsulfinyl, halo-lower alkylsulfinyl, lower alkylsulfonyl, halo-lower alkylsulfonyl and halogen; and wherein two adjacent substituents together with the atoms of aryl or heteroaryl may form a 5 or 6 membered carbocyclic or heterocyclic ring;

30

X represents oxygen or a group C=Y, wherein Y stands for oxygen;

Q represents N or CR⁹;

35 R¹ represents a group NR¹⁰R¹¹;

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R² represents hydrogen;

R³, R⁴, R⁵ and R⁶, independently of each other, represent hydrogen, lower alkyl, halo-lower alkyl, hydroxy, lower alkoxy, carboxy, lower alkoxycarbonyl, cyano or halogen;

5

R⁹ represents hydrogen;

R¹⁰ represents hydrogen, hydroxy-lower alkyl, cyano-lower alkyl or lower alkylcarbonyl;

10 R¹¹ represents hydrogen;

tautomers and pharmaceutically acceptable salts thereof.

6. A compound of formula (I) according to claim 1 wherein

15 R represents 3,4-dimethylphenyl, 4-methoxyphenyl, 4-chlorophenyl, 4-aminophenyl, 3-amino-4-chlorophenyl or 2-amino-5-pyridyl;

X represents a group C=Y, wherein Y stands for oxygen;

Q represents N;

R¹ represents a group NR¹⁰R¹¹;

20 R², R³, R⁴, R⁵ and R⁶ represent hydrogen;

R¹⁰ represents hydrogen or cyanoethyl;

R¹¹ represents hydrogen;

tautomers and pharmaceutically acceptable salts thereof.

25 7. A compound of formula (I) according to claim 1 wherein

R represents 3,4-dimethylphenyl, 4-methoxyphenyl or 4-chlorophenyl;

X represents a group C=Y, wherein Y stands for oxygen;

Q represents CR⁹;

R¹ represents a group NR¹⁰R¹¹;

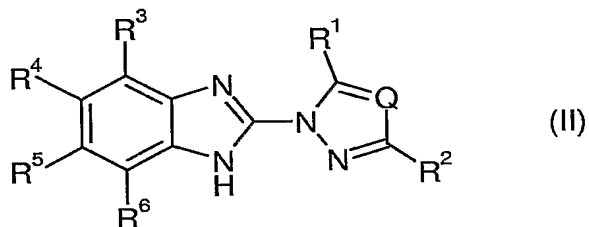
30 R², R³, R⁴, R⁵, R⁶, R⁹, R¹⁰ and R¹¹ represent hydrogen;

tautomers and pharmaceutically acceptable salts thereof.

8. A compound of formula (I) according to claim 1 for use as a medicament.

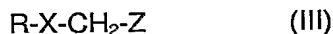
35 9. A method for the preparation of a compound of formula (I) according to claim 1, wherein a compound of formula (II)

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wherein R^1 , R^2 , R^3 , R^4 , R^5 and R^6 are defined as for formula (I), or a derivative thereof with functional groups in protected form and/or a salt thereof, is alkylated with a halide of the

5 formula (III)



wherein R is as defined for formula (I) and Z is a nucleophilic leaving group;

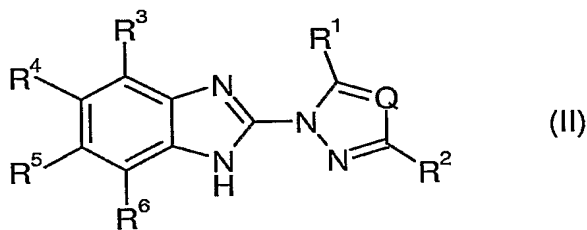
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any protecting groups in a protected derivative of a compound of the formula (I) are removed;

15

and, if so desired, an obtainable compound of formula (I) is converted into another compound of formula (I), a free compound of formula (I) is converted into a salt, an obtainable salt of a compound of formula (I) is converted into the free compound or another salt, and/or a mixture of isomeric compounds of formula (I) is separated into the individual isomers.

20 10. A compound of formula (II)



wherein

Q represents CR^9 ;

25 R^1 represents a group $NR^{10}R^{11}$;

R^2 , R^3 , R^4 , R^5 and R^6 represent hydrogen;

R^9 , R^{10} and R^{11} represent hydrogen;

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tautomers and salts thereof.

11. A pharmaceutical composition comprising a compound of formula (I) according to claim 1 and a pharmaceutically acceptable carrier.

5

12. Use a compound of formula (I) according to claim 1, a prodrug or a pharmaceutically acceptable salt of such a compound for the preparation of a pharmaceutical composition for the treatment of a neoplastic disease, autoimmune disease, transplantation related pathology and/or degenerative disease.

10

13. A method of treatment of a neoplastic disease, autoimmune disease, transplantation related pathology and/or degenerative disease, which comprises administering a compound of formula (I) according to claim 1, a prodrug or a pharmaceutically acceptable salt of such a compound, in a quantity effective against said disease, to a warm-blooded
15 animal requiring such treatment.